

Permit #: 20064
County: Bates
CONFIDENTIAL, UNTIL: _____

Date Issued: 1-20-93
Date Cancelled: _____
Date Plugged: 6-28-93

COMMENTS:

O&G FORMS	Date Received
1	
2	
3	11-19-92
3i	
4	
4i	
5	8-2-93
6	
7	8-2-93
8	
11	
12	
Misc. Form 2	

	TYPE	ID #	Date Received
Logs	well log		
Samples	chip		
	core		
Analyses	water		
	core		
Additional Submitted Data:			

MISSOURI DEPARTMENT OF NATURAL RESOURCES
MISSOURI OIL AND GAS COUNCIL

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

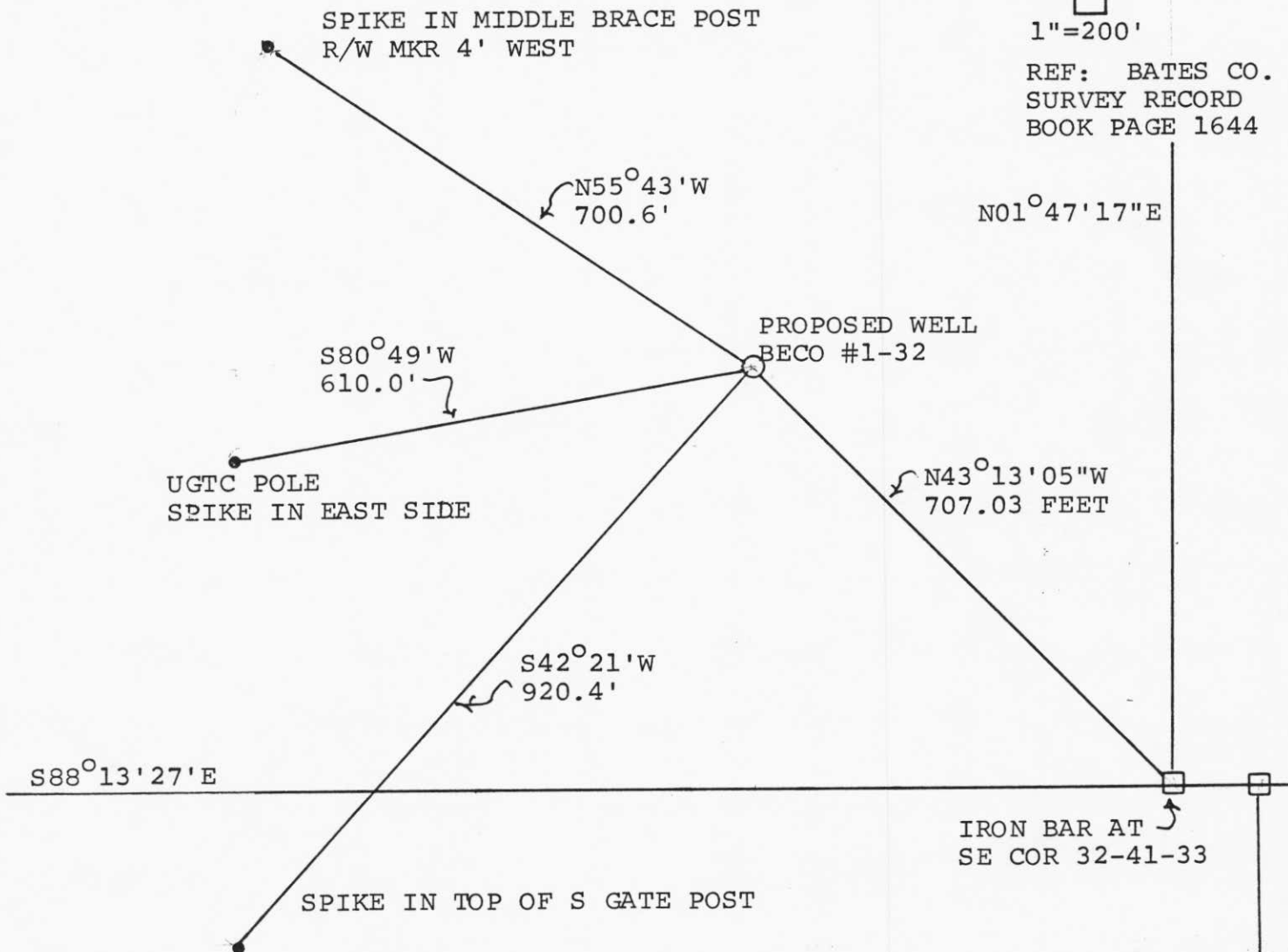
<input checked="" type="checkbox"/> APPLICATION TO DRILL		<input type="checkbox"/> DEEPEN	<input type="checkbox"/> PLUG BACK	<input checked="" type="checkbox"/> FOR AN OIL WELL		<input type="checkbox"/> OR GAS WELL	
NAME OF COMPANY OR OPERATOR Colt Energy, Inc.				DATE 11-17-92			
ADDRESS P.O. Box 388		CITY Iola,		STATE Kansas		ZIP CODE 66749	
DESCRIPTION OF WELL AND LEASE							
NAME OF LEASE Beco		WELL NUMBER #1-32		ELEVATION (GROUND) 828			
WELL LOCATION (GIVE FOOTAGE FROM SECTION LINE) 500 FT. FROM (N) SECTION LINE 500 FEET FROM (E) SECTION LINE							
WELL LOCATION SECTION 32		TOWNSHIP 41N		RANGE 33W		COUNTY Bates	
NEAREST DISTANCE FROM PROPOSED LOCATION TO PROPERTY OR LEASE LINE 825 FEET							
DISTANCE FROM PROPOSED LOCATION TO NEAREST DRILLING, COMPLETED OR APPLIED — FOR WELL ON THE SAME LEASE ——— FEET							
PROPOSED DEPTH 550	DRILLING CONTRACTOR, NAME AND ADDRESS Evans Energy Deve., Inc.			ROTARY OR CABLE TOOLS Rotary	APPROX. DATE WORK WILL START 12-1-92		
NUMBER OF ACRES IN LEASE 3985	NUMBER OF WELLS ON LEASE, INCLUDING THIS WELL, COMPLETED IN OR DRILLING TO THIS RESERVOIR 1			NUMBER OF ABANDONED WELLS ON LEASE -0-			
IF LEASE PURCHASED WITH ONE OR MORE WELLS DRILLED, FROM WHOM PURCHASED? NAME ADDRESS				NO. OF WELLS: PRODUCING 0 INJECTION 0 INACTIVE 0 ABANDONED 0			
STATUS OF BOND		<input type="checkbox"/> SINGLE WELL AMOUNT \$		<input checked="" type="checkbox"/> BLANKET BOND AMOUNT \$ 50,000		<input checked="" type="checkbox"/> ON FILE <input type="checkbox"/> ATTACHED	
REMARKS: (IF THIS IS AN APPLICATION TO DEEPEN OR PLUG BACK, BRIEFLY DESCRIBE WORK TO BE DONE, GIVING PRESENT PRODUCING ZONE AND EXPECTED NEW PRODUCING ZONE; USE BACK OF FORM IF NEEDED.)							
PROPOSED CASING PROGRAM				APPROVED CASING — TO BE FILLED IN BY STATE GEOLOGIST			
AMOUNT	SIZE	WT/FT	CEM.	AMOUNT	SIZE	WT/FT	CEM.
30'	6 5/8	17	6SX	30'	6 5/8	17	6 SX5
550'	2 7/8	6.4	50SX	550'	2 7/8	6.4	50 SX5
I, the undersigned, state that I am the Agent of the Colt Energy, Inc. (company), and that I am authorized by said company to make this report, and that this report was prepared under my supervision and direction and that the facts stated therein are true, correct, and complete to the best of my knowledge.							
SIGNATURE <i>Dennis Hershner</i>				DATE 11-17-92			
PERMIT NUMBER #20064		<input checked="" type="checkbox"/> DRILLER'S LOG REQUIRED <input checked="" type="checkbox"/> E-LOGS REQUIRED IF RUN					
APPROVAL DATE 1/20/93		<input checked="" type="checkbox"/> CORE ANALYSIS REQUIRED IF RUN <input checked="" type="checkbox"/> DRILL STEM TEST INFO. REQUIRED IF RUN					
APPROVED BY <i>Jane Holly Wilson</i> ETC		<input type="checkbox"/> SAMPLES REQUIRED					
		<input type="checkbox"/> SAMPLES NOT REQUIRED					
		<input type="checkbox"/> WATER SAMPLES REQUIRED AT					
NOTE THIS PERMIT NOT TRANSFERABLE TO ANY OTHER PERSON OR TO ANY OTHER LOCATION							
APPROVAL OF THIS PERMIT BY THE OIL AND GAS COUNCIL DOES NOT CONSTITUTE ENDORSEMENT OF THE GEOLOGIC MERITS OF THE PROPOSED WELL NOR ENDORSEMENT OF THE QUALIFICATIONS OF THE PERMITTEE.							
I _____ of the _____ Company confirm that an approved drilling permit has been obtained by the owner of this well. Council approval of this permit will be shown on this form by presence of a permit number and signature of authorized council representative.							
DRILLER'S SIGNATURE				DATE			

W. C. LETHCHO
COUNTY ENGINEER & SURVEYOR
Bates County Court House
BUTLER, MO. 64730
Phone 679-4031



1"=200'

REF: BATES CO.
SURVEY RECORD
BOOK PAGE 1644



NOV 7, 1992 WELL REFERENCE TIES IN SECTION 32, T41N, R33W

FOR: COLT ENERGY, INC.
4500 COLLEGE BLVD
OVERLAND PARK, KS 66211

913-452-3807
ATTN: JOHN G. GOLSON

SHEET 1
OF 2

THIS IS TO CERTIFY THAT THE REFERENCE TIES SHOWN ABOVE ARE IN ACCORDANCE
WITH CURRENT DNR MINIMUM STANDARDS FOR PROPERTY BOUNDARY SURVEYS
10 CSR 30-2.010

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NOV 1992

MO Oil & Gas Council



1" = 400' ±

WELL LOCATION MAP BATES COUNTY TAX MAP
65-06-9.

William C. Lethcho
WILLIAM C. LETHCHO LS-1539

SHEET 2 OF 2

KCSRR

PROPOSED WELL
BECO #1-32
ELV = 828

500'
500'

32 33
5 4

RT Y



MISSOURI DEPARTMENT OF NATURAL RESOURCES
MISSOURI OIL AND GAS COUNCIL
WELL COMPLETION OR RECOMPLETION REPORT AND WELL LOG

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Form OGC-5

☒ NEW WELL ☐ WORKOVER ☐ DEEPEN ☐ PLUG BACK ☐ INJECTION ☐ SAME RESERVOIR ☐ DIFFERENT RESERVOIR ☐ OIL ☐ GAS ☐ DRY

OWNER Colt Energy, Inc.		ADDRESS P.O. Box 388, Iola, KS 66749		
LEASE NAME Beco		WELL NUMBER 1-32		
LOCATION 500FSL 500FEL		SEC. TWP. AND RANGE OR BLOCK AND SURVEY 32-41-33W		
COUNTY Bates	PERMIT NUMBER (OGC-3 OR OGC-31) 20064			
DATE SPUDDED 6-23-93	DATE TOTAL DEPTH REACHED 6-28-93	DATE COMPLETED READY TO PRODUCE OR INJECT -----	ELEVATION (DF, RKR, RT, OR Gr.) FEET 828	ELEVATION OF CASING HD. FLANGE ----- FEET
TOTAL DEPTH 483	PLUG BACK TOTAL DEPTH Plugged			
PRODUCING OR INJECTION INTERVAL(S) FOR THIS COMPLETION Dry		ROTARY TOOLS USED (INTERVAL) Surface 483 TO Native		CABLE TOOLS USED (INTERVAL) -----
WAS THIS WELL DIRECTIONALLY DRILLED? No	WAS DIRECTIONAL SURVEY MADE? -----	WAS COPY OF DIRECTIONAL SURVEY FILED? -----		DATE FILED -----
TYPE OF ELECTRICAL OR OTHER LOGS RUN (LIST LOGS FILED WITH THE STATE GEOLOGIST) Drillers Log				DATE FILED 7-29-93

CASING RECORD

CASING (REPORT ALL STRINGS SET IN WELL - CONDUCTOR, SURFACE, INTERMEDIATE, PRODUCING, ETC.)

PURPOSE	SIZE HOLE DRILLED	SIZE CASING SET	WEIGHT (LB. FT)	DEPTH SET	SACKS CEMENT	AMOUNT PULLED
Surface	9 7/8	7"	17#	37.1	6	-----

TUBING RECORD

LINER RECORD

SIZE	DEPTH SET	PACKER SET AT	SIZE	TOP	BOTTOM	SACKS CEMENT	SCREEN
IN.	FEET	FEET	INCH	FEET	FEET		FEET

PERFORATION RECORD

ACID, SHOT, FRACTURE, CEMENT SQUEEZE RECORD

NUMBER PER FOOT	SIZE AND TYPE	DEPTH INTERVAL	AMOUNT AND KIND OF MATERIAL USED	DEPTH INTERVAL

INITIAL PRODUCTION

DATE OF FIRST PRODUCTION OR INJECTION		PRODUCING METHOD (INDICATE IF FLOWING, GAS LIFT, OR PUMPING — IF PUMPING, SHOW SIZE AND TYPE OF PUMP.)					
DATE OF TEST	HOURS TESTED	CHOKE SIZE	OIL PRODUCED DURING TEST bbls.	GAS PRODUCED DURING TEST MCF	WATER PRODUCED DURING TEST bbls.	OIL GRAVITY API (CORR.)	
TUBING PRESSURE	CASING PRESSURE	CALC'D RATE OF PRODUCTION PER 24 HOURS		OIL bbls.	GAS MCF	WATER bbls.	GAS OIL RATIO
DISPOSITION OF GAS (STATE WHETHER VENTED, USED FOR FUEL OR SOLD)							

METHOD OF DISPOSAL OF MUD PIT CONTENTS

Pumped fluid out - Pushed Pit in Agent

CERTIFICATE: I, THE UNDERSIGNED, STATE THAT I AM THE _____ OF THE
Colt Energy, Inc. _____ COMPANY, AND THAT I AM AUTHORIZED BY SAID COMPANY TO MAKE THIS REPORT, AND THAT THIS
REPORT WAS PREPARED UNDER MY SUPERVISION AND DIRECTION AND THAT THE FACTS STATED THEREIN ARE TRUE, CORRECT AND COMPLETE TO THE BEST OF MY KNOWLEDGE.

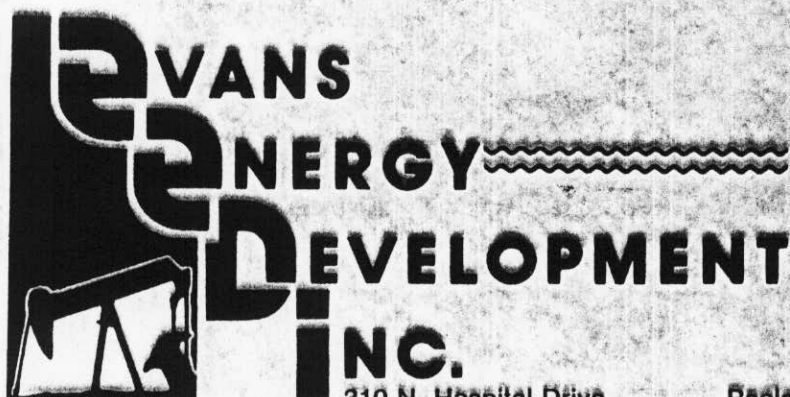
DATE 7-30-93	SIGNATURE
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MISSOURI DEPARTMENT OF NATURAL RESOURCES
MISSOURI OIL AND GAS COUNCIL
PLUGGING RECORD

FORM OGC-7

OWNER Colt Energy, Inc.		ADDRESS P.O. Box 388 ,Iola, KS 66749	
NAME OF LEASE Beco		WELL NUMBER 1-32	PERMIT NUMBER (OGC-3 OR OGC-31 NUMBER) 20064
LOCATION OF WELL 500FSL 500FEL		SEC-TWP-RNG OR BLOCK & SURVEY 32-41-33	COUNTY Bates
APPLICATION TO DRILL THIS WELL WAS FILED IN NAME OF Colt Energy, Inc.		HAS THIS WELL EVER PRODUCED OIL OR GAS? <input type="checkbox"/> YES <input checked="" type="checkbox"/> NO	CHARACTER OF WELL AT COMPLETION (INITIAL PRODUCTION) OIL (BBLS/DAY) _____ GAS (MCF/DAY) _____
DATE ABANDONED 6-28-93		TOTAL DEPTH 483	AMOUNT WELL PRODUCING PRIOR TO ABANDONMENT OIL (BBLS DAY) _____ GAS (MCF/DAY) _____
WATER (BBLS/DAY) _____		DRY? Dry	
Name of each formation containing oil or gas. Indicate which formation open to well bore at time of abandonment.		Fluid content of each formation	Depth interval of each formation
Squirrel SS		Dry	161-211
Bartlesville		Light Oil Show	358-375
Mississippi Lime		Dry	483
SIZE PIPE	PUT IN WELL (FT)	PULLED OUT (FT)	LEFT IN WELL (FT)
7"	37.1	3'	34.1
GIVE DEPTH AND METHOD OF PARTING CASING (SHOT, RIPPED, ETC.)			
Cut surface pipe off below plow depth.			
PACKERS AND SHOES			
WAS WELL FILLED WITH MUD-LADEN FLUID?		INDICATE DEEPEST FORMATION CONTAINING FRESH WATER	
NAME AND ADDRESSES OF ADJACENT LEASE OPERATORS OR OWNERS OF THE SURFACE			
NAME		ADDRESS	
METHOD OF DISPOSAL OF MUD PIT CONTENTS		Pumped out, pushed pit in	
NOTE		FILE THIS FORM IN DUPLICATE WITH (USE REVERSE SIDE FOR ADDITIONAL DETAIL)	
CERTIFICATE		I, the undersigned, state that I am the <u>Agent</u> of the <u>Colt Energy, Inc.</u> (Company), and that I am authorized by said company to make this report; and that this report was prepared under my supervision and direction and that the facts stated therein are true, correct, and complete to the best of my knowledge.	
SIGNATURE 		DATE 7-30-93	



310 N. Hospital Drive

Paola, Kansas 66071

(913) 294-9083

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Custom
oil & gas
drilling
Lease Development

WELL LOG
Beco - #1-32
Colt Energy, Inc.
Permit #20064
June 23 - June 28, 1993

Thickness of Strata	Formation	Total
33	soil & clay	33-overburden, reclaimed
4	shale	37
12	lime	49
16	shale	65
4	lime	69
2	shale	71-black
5	shale	76-dark gray
4	sand	80-brown, slight oil show
3	lime	83
23	shale	106
20	lime	126
3	shale	129-black
6	shale	135-gray
2	lime & shale	137
18	shale	155
6	sand	161-brown
6	sand & shale	167-20% brown sand, 80% shale
3	sand	170
2	silt & sand	172-gray silty shale & blown sand
5	sand	177-brown, no bleeding
4	silty shale	181
4	sand	185
14	silt & shale	199
12	sand	211-grayish brown
8	shale	219
2	lime & shale	221
8	shale	229
2	lime	231-black
4	shale	235-dark
11	shale	246-gray
1	lime & shale	247
12	shale	259
1	sand	260-brown, good bleeding
5	shale	265-dark
1	coal	266
14	shale	280
1	lime	281
28	shale	308
1	coal	309

Beco - #1-32 (con't)

10	shale	319
10	silt & shale	329-laminated
5	sand & shale	334-brown, slight oil show, sand & dark shale
9	shale	343-dark
3	silty shale	346
1	shale	347
2	silty shale	349
4	sand	353-light gray, few brown sand laminations
2	sand & shale	355-laminated dark shale, light gray sand
3	silty sand	358-brown & light gray, light bleeding
1	lime	359-limey sand
8	shale	367
8	sand	375-light gray with shale laminations
4	silt & shale	379-laminated
1	shale	380
7	silty sand	387-gray
24	silt & shale	411-laminated like an oreo cookie
10	shale	421
3	sand	424-gray, no show
1	coal	425
6	shale	431
10	silt & shale	441-light gray silty sand & gray shale
14	shale	455
4	sand	459-gray & brown, no show
8	sand & shale	467-gray sand-gray shale laminated
15	shale	482
1	lime	483-TD

Set 37.1' of 7" T & C Surface Casing.

This well was plugged with Cement from 483' to the surface on 6/28/93 at 2:30 p.m.-3:00 p.m.

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STATION Alt OPERATOR Alan H. Heston

P.O. Box 884

Ticket 85304

CONSOLIDATED OIL WELL SERVICES, INC.

Chanute, Kansas 66720

Phone (316) 431-9210

Date <u>6-28-93</u>	Customer's Acct. No. <u>1828</u>	Sec. <u>32</u>	Twp. <u>11</u>	Range <u>33</u>	Well No. & Farm <u>Midland</u>	Place or Destination <u>Chanute</u>
Charge To <u>Eaton Energy Inc.</u>			Owner <u>Eaton Energy Inc.</u>			County <u>Butler</u>
Mailing Address <u>30411 Jefferson P.O. Box 388</u>			Contractor <u>Eaton Energy Inc.</u>			State <u>Missouri</u>
City & State <u>Chanute, Mo. 66720</u>			Well Owner Operator Contractor <u>Eaton Energy Inc.</u>			

CEMENTING SERVICE DATA

TYPE OF JOB	CASING	HOLE DATA	PLUGS AND HEAD	PRESSURE	CEMENT LEFT IN CASING
Surface	New	Bore Size <u>5 5/8</u>	Bottom	Circulating	Requested
Production	Used	Total Depth <u>483'</u>	Top	Minimum	Necessity
Squeeze	Size	Cable Tool	Head	Maximum	Measured
Pumping	Weight		FLOAT EQUIPMENT	Sacks Cement <u>50 sks</u>	
Other	Depth	Rotary		Type & Brand <u>Portland 4 + 70° pay</u>	
	Type			Admixes <u>6° gel</u>	

FRACTURING - ACIDIZING SERVICE DATA

Type of Job	At Intervals of					
Bbls Fracturing Fluid	Breakdown Pressure from	psi to	psi			
Treating Pressures: Maximum	psi	Minimum	psi	Avg. Pump Rate	GPM/BPM	Close In
Sand	Gals. Treating Acid	Type	Open Hole Diameter			
Well Treating Through: Tubing	Casing	Annulus	Size	Weight		
Remarks:						
No. Perforations	Pay Formation Name	Depth of Job				Fl.

INVOICE SECTION

CEMENTING				FRACTURING - ACIDIZING			
Pumping Charge	Office	\$		Pumping Charge	Office	\$	
Pumping Charge	@	Use	\$ <u>344.00</u>	Pumping Charge	@	Use	\$
<u>50</u> Sacks Bulk Cement	@		<u>262.50</u>	12x30 Sand	@		
Ton Mileage on Bulk Cement	@		<u>60.00</u>	10x20 Sand	@		
<u>355</u> Premium Gel	@		<u>20.20</u>	x Sand	@		
Flo-Seal	@			Ton Mileage	@		
Calcium Chloride	@			Gals., Acid	@		
Plug	@			Chemicals	@		
	@				@		
Equipment	@				@		
	@				@		
	@				@		
	@				@		
	@			Potassium Chloride	@		
	@			Rock Salt	@		
Granulated Salt	@			Water Gel	@		
Transport Truck (Hrs.)	@			Transport Truck (Hrs.)	@		
Vac Truck (Hrs.)	@			Vac Truck (Hrs.)	@		
	@				@		
		Tax	<u>18.12</u>			Tax	
A Finance Charge computed at 1 1/4% per month (annual percentage rate of 21%) will be added to balance over 30 days.			Total	Total			
			\$ <u>702.32</u>				

AUG 02 1993

NO Oil & Gas Council

136966